

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number
WO 2004/033982 A1

(51) International Patent Classification?: F41A 3/12

(21) International Application Number:

PCT/US2003/030471

(81) Designated States (national): AE, AU, BA, BR, BZ, CA, CN, CO, CR, DZ, EC, GE, HR, IL, IN, JP, KE, KR, LT, LV, MA, MG, MK, MX, NO, NZ, OM, PH, PL, SD, SG, SY, TN, UA, US, UZ, VN, YU, ZA.

(22) International Filing Date:

26 September 2003 (26.09.2003)

(84) Designated States (regional): Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/417,522

9 October 2002 (09.10.2002) US

Published:

- with international search report
- with amended claims

(71) Applicant and

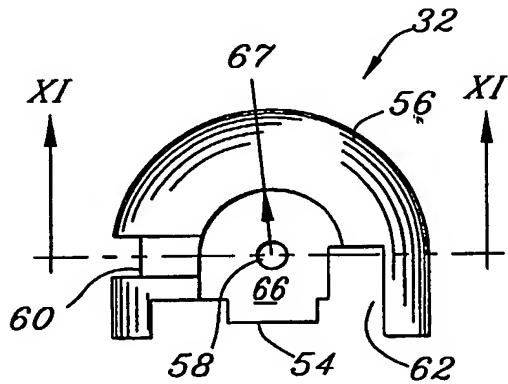
(72) Inventor: MOORE, Wildey, J. [US/US]; 45 Angevine Road, Warren, CT 06794 (US).

Date of publication of the amended claims: 10 June 2004

(74) Agent: CRUTCHER, William, C.; McCormick Paulding & Huber, LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103 (US).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FIREARM WITH A READILY INTERCHANGEABLE BOLT FACE



(57) Abstract: A readily replaceable bolt face for a firearm (10) with a movable slide (12) that strips a round from a magazine, extracts the spent round from the firing chamber and then ejects the round from the firearm by means of an ejector. A bolt face insert (32) has an external configuration that is common to a range of calibers, but with a bolt face side (66) designed to fit the rim of a specific caliber or calibers having the same rim dimension. The insert may be replaced to fit a different caliber without replacing the slide. The bolt face insert is provided with a slot (62) for the ejector and a groove (60) to accept an extractor for the specified caliber.

WO 2004/033982 A1

**REPLACED BY
ART 19 AMDT**

4. The combination according to Claim 1, wherein said bolt face insert further defines a central hole therethrough located in the body so as to be aligned with said longitudinal hole in said breechblock portion when the insert 5 rim is inserted into the semi-circular groove.

5. A bolt face insert for providing a readily changeable bolt face for a firearm, said bolt face insert comprising a body having a longitudinal axis and defining a semi-circular rim disposed about said axis, said body defining a hole therethrough along said axis, said bolt face insert defining a longitudinal ejector slot through said body extending parallel to said axis, and said bolt face 10 insert further defining an extractor groove through said semi-circular rim extending perpendicular to said axis.